

Expertise

Personnel
Corps Scientists & Engineers
Nationwide

Academia
Laboratories
NGOs
Stakeholders



Ecosystem & Habitat Modeling

Formulation & assessment

Model certification

HEP, HES, WHAG...

Hydrodynamics

Water quality

Physical effects

Physical support

Geospatial



Planning Centers of Expertise

Coastal Storm Damage Reduction
North Atlantic Division
New York, New York
<http://csc.nadcd.usace.army.mil/hurricane>

Deep Draft Navigation
South Atlantic Division
Atlanta, Georgia
<http://www.sad.usace.army.mil/ddncx/>

Ecosystem Restoration
Mississippi Valley Division
Vicksburg, Mississippi
<http://eco-pcx.usace.army.mil>

Flood Risk Management
South Pacific Division
San Francisco, California
<http://www.lrt.usace.army.mil/floodweb/>

Inland Navigation
Great Lakes and Ohio River Division
Cincinnati, Ohio
<http://inlandwaterways.lrt.usace.army.mil>

Water Management and Reallocation
Southwestern Division
Dallas, Texas
<http://www.swd.usace.army.mil/pcx/>

Ecosystem Restoration



National Planning Center of Expertise (ECO-PCK)

Mississippi Valley Division

Address:
1400 Walnut Street
P. O. Box 80
Vicksburg, MS 39181-0080

Capabilities

Ecosystem restoration planning

Analytical components of restoration planning studies

Independent & technical review and policy support

Advise on restoration issues nationwide

Certify, validate, & provide peer review of planning & ecological models

Ecosystem restoration training support

Maintain lessons learned

Enhance basic planning expertise



Restoration

<http://eco-pcx.usace.army.mil>

Ecosystem

The Mission

To retain expertise in the Corps
in ecosystem sciences / biology

To provide a technical resource
for customers
around the world



Our Role

Champion planning and technical
expertise for ecosystem
restoration

Promote restoration workshops
& Corps coordination meetings

Lead development of training
in support of restoration planning

Provide linkage across
organizations

Identify research & development
priorities for ecosystem
restoration

Services

Endangered species surveys

Wetland determination

Geographic information systems
support

Digital imaging & photography

Real estate & appraisal support

Ecosystem function analysis

Technical & Independent Peer
Review

Monitoring design & modeling
support

Hazardous waste investigations

Certified underwater dive team
(Memphis)



Doing Business With Us



Working with the customer, the
ECO-PCX will:

Determine needs

Match those needs with
national resources

Develop scopes of work &
cost estimates

Ensure the work is completed

Get customer feedback

Contact the ECO-PCX:

<http://eco-pcx.usace.army.mil>

Email: ECO-PCX@usace.army.mil

Benefits

Enhance ecosystem
restoration planning expertise

Provide structure for
accomplishing Independent
Technical Reviews

Provide focus for Corps
environmental missions

Develop National alliances

Focus on priorities, issues, &
needs

Provide effective support to
partnering

Support watershed planning,
policy, and guidance

Provide National continuity
and contacts for ecosystem
restoration

Optimize ecosystem
investments